

## Subject Index

Volume 198 · Numbers 1, 2, and 3  
April, May, and June 2017

- Accident-tolerant fuel, 342
- Adjoint sensitivity analysis, 85, 132
- Advanced Small PWR, 26
- Aerosol transport, 43
  
- Best-estimate plus uncertainty, 193
  
- Computational fluid dynamics, 43
- Computer codes
  - coupled NK-TH, 193
  - DAKOTA, 193
  - MELCOR, 277
  - NEWT, 202
  - OpenFOAM, 43
  - ORIGEN-S, 202
  - PARCS, 193
  - RELAP5-3D, 1
  - RELAP5/MOD3, 79
  - SCALE, 202
  - SPACE, 79
  - TRACE V5, 79, 193
- Condensation, 277
- Controller design, 26
- Cooling tower, 85
  - adjoint model solution verification, 85
  
- Data assimilation, 132
- Data fits, 217
- Disposal, 260
  
- EBR-II, 231
- Elastic buckling, 342
  
- ELIPSE process, 53
- Entropy, 319
- Experimental data, 217
- Exponential functions, 217
  
- Fuel-cladding chemical interaction, 231
- Fire, 43
- Fluid flow, 17
  
- Geopolymers, 64
  
- Heat storage, 70
  
- Immobilization, 64
- Inter-diffusion, 231
- Isotopic enrichment, 319
  
- Light water reactors, 70
- Liquid treatment, 53
  
- Maximum consequence, 327
- Melt coolability, 306
- Metallic fuel, 231
- Minimum thickness, 342
- Model calibration, 132
- Multi-application small light water reactor, 277
  
- Oil shale, 70
  
- Packed pebble bed, 17
- Plutonium, 202
  
- Power control system, 26
- Pressure drop, 17
  
- Quenching time, 306
  
- Radionuclide release, 260
- Reprocessed uranium, 202
  
- Safety analysis, 193
- Severe accidents, 306
- Stainless steel 316L, 293
- Statistical tolerance intervals, 327
- Strontium-90, 64
- Submerged plasma, 53
- Surrogate safety goals, 327
  
- Thermal-hydraulic system codes, 79
- Total hemispherical emissivity, 293
- Transient analysis, 1
- Transportable FHR, 1
- Transuranics, 202
- Two-phase frictional pressure drop, 79
  
- Uranium hexafluoride, 319
- Used nuclear fuel, 260
  
- Very high temperature reactors, 293
  
- Wall friction partition, 79